

Funding Bulletin

Funding Opportunities for Research, Instruction, Service, Creative Activities
Fellowships and International Programs

November 10, 2006

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

Limited Submissions

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Dr. Jim Guikema, Associate Vice Provost for Research, is the internal coordinator for limited submission programs. Please notify him at 785-532-6195, email: guikema@ksu.edu, by the Internal due date listed in the Funding Bulletin (**FB 41-7**) or by at least two months prior to the sponsor deadline if you wish to submit to a limited submission program. Currently posted Internal Deadlines: <http://www.k-state.edu/research/funding/bulletins/bul06/internaldl/newlimits.htm>

GENERAL

41-1 Issues in Tribal Environmental Research and Health Promotion: Novel Approaches for Assessing and Managing Cumulative Risks and Impacts of Global Climate Change (EPA)

There is an increased awareness that subsistence tribal populations may be differentially impacted by two ubiquitous phenomena: 1) cumulative chemical exposures and 2) global climactic changes. EPA is interested in supporting community-based participatory research to generate data which identify (a) subsistence resources, (b) sensitive subpopulations within tribal communities, (c) complex chemical exposures from multiple sources and routes, and (d) links between environmental stressors and health outcomes. In addition, EPA is interested in research proposals which develop culturally relevant strategies for exposure mitigation and/or health promotion. CFDA #66.509
URL: http://es.epa.gov/ncer/rfa/2006/2006_star_tribal.html
Deadline: 1/23/2007

41-2 Environmental Genomics (NSF)

Genomics-enabled methods are beginning to be used to increase our understanding of how organisms of all types—plants, animals, and microbes—interact with their environments. The Environmental Genomics Program is intended to enhance the development of fundamental knowl-

edge and strengthen the capacity to apply these methods in research on organisms in their natural environments. Research foci should be appropriate to the themes of interest or purviews of the Directorates for Biological Sciences (BIO and Geosciences (GEO). NSF 06-611 (Posted 9/20/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06611/nsf06611.htm>

Deadline: 1/29/2007

41-3 Research to Develop, Adapt, or Compare Technologies to Detect Live Viruses and Other Enteric Pathogens in Large Volumes of Water (EPA)

The purpose of this RFA is to stimulate the development of a new or improved method for detecting viruses (or other enteric pathogens) by genus from source and drinking water that is less expensive than the current methods used by health officials. EPA-ORD-07-26210 (GG 10/18/06)

URL: <http://www.grants.gov>

Deadline: 12/5/2006

41-4 2007 NIH Director's Pioneer Award Program (DP1) (NIH)

The NIH Director's Pioneer Award Program (NDPA) is meant to complement NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering approaches to major contemporary challenges in biomedical and behavioral research. The term pioneering is used to describe highly innovative approaches that have the potential to produce an unusually high impact, the term award is used to mean a grant for conducting research, rather than a reward for past achievements. Applicants may submit on one application as a PD/PI in response to this RFA. RFA-RM-07-005 (NIHG 10/13/06)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-005.html>

Deadline: 1/16/2007

AGRICULTURE

41-5 Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants Program (USDA)

The Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants (SPEC) program seeks to: a) promote and strengthen secondary education and two-year postsecondary education in agriscience and agribusiness in order to help ensure the existence in the United States of a qualified workforce to serve the food and agricultural sciences system; and b) promote complementary and synergistic linkages among secondary, two-year postsecondary, and higher edu-

cation programs in the food and agricultural sciences in order to advance excellence in education and encourage more young Americans to pursue and complete a baccalaureate or higher degree in the food and agricultural sciences. USDA-CSREES-SAECP-000225 (GG 10/19/06)

URL: http://www.csrees.usda.gov/funding/rfas/sec_challenge.html

Deadline: 1/11/2007

41-6 2010 Project (NSF)

The Directorate for Biological Sciences (BIO) of the National Science Foundation (NSF) announces its intention to continue support of research to determine the functions of all genes in the model plant *Arabidopsis thaliana* by the year 2010.

Individual investigators or groups of investigators will be supported to conduct creative and innovative, genome-wide or systems-level research designed to determine, using all available means, the functions of Arabidopsis genes. This year, as in FY 2006, the Program will focus on: 1) projects that include genome-wide analyses for benchmarking the function of all genes in the genome; 2) projects that will develop experimental and computational methods, tools, and resources for enabling a broad community of scientists to conduct functional genomics research on Arabidopsis; and 3) research on exemplary networks that use high throughput methods and integrate modeling with experimental data to understand gene circuitry underlying basic plant processes. NSF 06-612 (Posted 9/21/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06612/nsf06612.htm>

Deadline: 1/29/2006

EDUCATION

41-7 Research on Disabilities Education (NSF)

The Research in Disabilities Education (RDE) program makes resources available to increase the participation and achievement of people with disabilities in science, technology, engineering, and mathematics (STEM) education and careers. The Demonstration, Enrichment, and Information Dissemination (RDE-DEI) program track provides support to institutionalize accessible products and educational materials, enhance STEM learning experiences for students with disabilities, and disseminate information about effective products, pedagogical approaches, teaching practices, and research for broadening the participation of people with disabilities in STEM. Promising research efforts are developed under the Focused Research Initiatives (RDE-FRI) program track via awards to encourage assistive technology develop-

ment, technology use in educational environments, and investigations of effective instructional methods and practices for people with disabilities in STEM. The Regional Alliances for Persons with Disabilities in STEM Education (RDE-RAD) program track provides support for comprehensive, multidisciplinary networks that increase the quality and quantity of students with disabilities completing associate, baccalaureate and graduate degrees in STEM who are well prepared for the science and engineering research, education and professional workforce. An institution or organization may be included in only one RDE proposal, either as a lead institution or as a partner organization. Only one RDE proposal may be submitted by a PI or Co-PI to each year's competition. NSF 07-511 (Posted 10/27/06)

URL: <http://www.nsf.gov/pubs/2007/nsf07511/nsf07511.htm>

Deadline: Internal 12/8/2006; Letters of Intent 1/8/2007; Applications 2/12/2007

41-8 Research and Evaluation on Education in Science and Engineering (NSF)

The Division of Research, Evaluation and Communication (REC) in the Directorate for Education and Human Resources (EHR) supports basic and applied research and evaluation that enhances science, technology, engineering and mathematics (STEM) learning and teaching. This solicitation calls for two types of proposals—synthesis and empirical: Synthesis Research and Evaluation Project proposals should identify areas where the knowledge base in either evaluation or research is sufficiently robust to support strong scientific claims, identify areas of importance to education research and practice, and propose rigorous methods for synthesizing findings and drawing conclusions. Proposals for workshops and other meetings are permitted; Empirical Research and Evaluation Project proposals should identify areas that have the potential for advancing discovery and innovation at the frontiers of STEM learning. NSF 06-609 (Posted 9/20/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06609/nsf06609.htm>

Deadline: 1/29/2007

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

41-9 Joint Bioenergy Institute Opportunity to Operate a New Bioenergy Center as Part of the Department of Energy (DOE) Office of Sciences Genomics: GTL Program (DOE)

Lawrence Livermore National Laboratory (LLNL), Lawrence Berkeley National Laboratory (LBNL), and Sandia National Laboratory (SNL) announce the intent to form the joint bioenergy institute (JBEI) to compete for the opportunity to operate a new bioenergy center as part of the Department of Energy (DOE) Office of Science's Genomics: GTL Program.

LLNL and LBNL are national laboratories managed as government-owned, contractor-operated (GOCO), federally funded research and development centers (FFRDCs) by the University of California under contract with the U.S. Department of Energy (DOE)/National Nuclear Security Administration (NNSA) and the US Department of Energy/Office of Science respectively. SNL is also a government-owned/contractor operated (GOCO) facility managed by Sandia Corporation, a Lockheed Martin Company, for the U.S. Department of Energy (DOE). DOE's Office of Biological and Environmental Research (OBER) of the Office of Sciences, U.S. Department of Energy (DOE) desires a Genomic GTL Program. It has released a Funding Opportunity Announcement to accelerate basic research in the development of cellulosic ethanol and other biofuels. The JBEI intends to pursue this opportunity and submit an application to establish a new Bioenergy Research Center to benefit of the scientific community and the US economy. Specifically, JBEI will be devoted to research on microbes and plants, with the purpose of making substantial progress toward cost-effectively producing biologically based renewable energy sources. JBEI will be focused on developing energy-efficient and cost-effective methods of producing alternative fuels such as cellulosic ethanol from biomass, and to achieve transformational breakthroughs in science and technology. For parties interested in supporting and/or working with the JBEI on the establishment of the new Bioenergy Research Center, please respond in writing to the JBEI by December 1, 2006. FBO141-06 (FBO 10/18/06)

URL: <http://www.fbo.gov/spg/DOE>

Deadline: 12/1/2006

41-10 ONR's Young Investigator Program (DOD)

ONR's Young Investigator Program (YIP) seeks to identify and support academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years (on or after 01 November 2001 for this FY07 competition) and who show exceptional promise for doing creative research. The objectives of this program are to attract outstanding faculty members of Institutions of Higher Education to the Department of the Navy's research program, to support their research, and to encourage their teaching and research careers. Proposals addressing research areas as described in the ONR Science and Technology Department section of ONR's website which are of interest to ONR Program Officers and Division Directors will be considered. ONR-BAA-07-002 (GG 10/20/06)

URL: <http://www.onr.navy.mil/02/baa>

Deadline: 1/12/2007

INTERNATIONAL/MULTICULTURAL

41-11 Cooperative Activities in Chemistry between U.S. and German

Investigators (NSF-DFG) (NSF)

The National Science Foundation (NSF) and the Deutsche Forschungsgemeinschaft (DFG; German Research Foundation), which are counterpart national funding organizations in the U.S. and Germany, respectively, seek to enhance opportunities for collaborative activities in chemistry between U.S. and German investigators. The NSF and DFG will accept collaborative research proposals that establish new cooperation between principal investigators from the U.S. and Germany. Projects must have clear relevance to areas supported by both NSF's Division of Chemistry and DFG's Division of Chemistry and Process Engineering. NSF 07-517 (Posted 11/1/06); "

URL: <http://www.nsf.gov/pubs/2007/nsf07517/nsf07517.htm>

Deadline: Letters of Intent 12/15/2006; Applications 1/30/2007

SOCIAL SCIENCES

41-12 Innovation and Organizational Change (NSF)

The Innovation and Organizational Change (IOC) program supports scientific research directed at advancing understanding of innovation and organizational phenomena. Levels of analysis may include (but are not limited to) individuals, groups and/or institutional arrangements. Research may involve industrial, educational, service, government, not-for-profits, voluntary organizations or inter-organizational arrangements. IOC-funded research must be grounded in theory, relevant to an operational or applied context, and generalizable. NSF 06-610 (Posted 9/20/06)

URL: <http://www.nsf.gov/pubs/2006/nsf06610/nsf06610.htm>

Deadline: 2/2/2007

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